

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

RECORD OF WELL

loc. O.K. See Crotten Falls 7 1/2' good for location

P619	P735
Cornel 15' quad	
1549.8 S, 3.7 E	
Crotten Falls	
7 1/2' good	

Locate well on plat of section.

1. Location: State New York County Putnam

Nearest P. O. _____ Direction from P. O. _____

Distance from P. O. _____ miles; _____ 1/4 sec. _____, T. _____, R. _____

If in city, give street and number Town of Cornel

2. Owner: Board of Water Supply Address 120 Wall St. New York City

Driller: _____ Address _____

3. Situation: Is well on upland, in valley, or on hillside? valley - in lake

4. Elevation of top of well: (see over) ft. above the level of sea
(Above or below) (Sea, depot, lake, or stream)

5. Type of well: dug; kind of drilling rig used _____
(Dug, driven, bored, or drilled) (Solid tool, jetting, rotary, etc.)

6. Depth of well: (see over) ft.; year in which well was finished _____

Does well enter rock? yes; if so, at what depth? see over ft.; kind of rock granite

7. Diameter: At top _____ inches; at bottom _____ inches.

8. Principal water bed: _____

Depth to principal water bed _____ ft.; thickness of bed _____ ft.
(Gravel, sand, clay, or rock. If rock, state kind)

If other water supplies were found, give depth to each _____

9. Casings: Kind _____; size _____; length _____ ft.; between depths of _____ and _____ ft.

Kind _____; size _____; length _____ ft.; between depths of _____ and _____ ft.

Kind _____; size _____; length _____ ft.; between depths of _____ and _____ ft.

Packers (if any): Depth at which packers were used _____; kind _____

Screen or Strainer: Was well finished with screen? _____; kind of screen _____

length of screen _____ ft.; diameter _____ inches; size of openings _____

10. Head: Does well at present overflow without pumping? no; did it overflow when new? no

if flowing, give pressure _____ lb. per sq. inch; or height water will rise in a pipe _____ ft. above surface;

original pressure or head _____; if not flowing, give water level in well _____ ft. below surface.

11. Pump: Is the well pumped? no; kind of pump _____

size or capacity of pump _____; kind of power _____

12. Yield: Natural flow at present (if any) _____ gallons per minute; original flow _____ gallons per minute;

well has been pumped at _____ gallons per minute continuously for _____ hours;

quantity of water ordinarily obtained from well _____ gallons per day.

13. Use: For what purpose is the water used? test hole

14. Quality of the water: _____; is there an analysis? _____
(Hard or soft, fresh or salty, etc.)

15. Cost of well, not including pump: _____ Temperature of water _____ ° F.

Name of person filling blank J. J. Gorman per BALS - NYC

Date Oct. 27, 1920 Address _____

LOG OF WELL

[illegible]

Borehole No.	SURFACE OF RESERVOIR	BOTTOM OF RESERVOIR	ELEV. TOP OF SOUND ROCK	ELEVATION BOTTOM HOLE	% CORE RECOVERY
16	308.94	285.94	202.94	171.94	51.9
18	309.15	287.15	238.15	208.15	74.4
19	309.14	287.14	220.14	189.14	72.5
20	309.12	292.12	279.62	248.52	60.5
21	309.13	297.13	243.13	203.13	74.6
22	309.14	289.14	222.14	192.14	70.0